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OCT. '17.

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

LIST (BY STATES) OF FEDERAL BIRD RESERVATIONS.

No. :	State :	Date esta- :	Executive :
:	:	blished :	Order No. :
: ALABAMA :			
63 :	Petit Bois Island :	May 6, 1913 :	1775 :
: ALASKA :			
44 :	Bering Sea :	Feb.27, 1909 :	1037 :
45 :	Tuxedni :	do :	1039 :
46 :	St. Lazaria :	do :	1040 :
47 :	Yukon Delta :	do :	1041 :
(a)50 :	Pribilof :	do :	1044 :
51 :	Bogoslof :	Mar. 2, 1909 :	1049 :
53 :	Forrester Island :	Jan.11, 1912 :	1458 :
54 :	Hazy Islands :	do :	1459 :
57 :	Chamisso Island :	Dec. 7, 1912 :	1658 :
61 :	Aleutian Islands :	Mar. 3, 1913 :	1733 :
: ARIZONA :			
27 :	Salt River :	Feb.25, 1909 :	1032 :
: ARKANSAS :			
62 :	Walker Lake :	Apr.21, 1913 :	1763 :
70 :	Big Lake :	Aug. 2, 1915 :	2230 :
: CALIFORNIA :			
28 :	East Park :	Feb.25, 1909 :	1032 :
49 :	Farallon :	Feb.27, 1909 :	1043 :
52 :	Clear Lake :	Apr.11, 1911 :	1332 :
:	do :	Jan.13, 1912 :	1464 :
71 :	San Francisco Bay :	Aug. 9, 1916 :	2438 :
:	(Goat Island) :	:	:
: FLORIDA :			
1 :	Pelican Island :	Mar.14, 1903 :	:
:	do :	Jan.26, 1909 :	1014 :
6 :	Passage Key :	Oct.10, 1905 :	:
7 :	Indian Key :	Feb.10, 1906 :	:
15 :	Mosquito Inlet :	Feb.24, 1908 :	763 :
:	do :	Apr. 2, 1909 :	1057 :
16 :	Tortugas Keys :	Apr. 6, 1908 :	779 :
17 :	Key West :	Aug. 8, 1908 :	923 :
21 :	Pine Island :	Sep.15, 1908 :	939 :
22 :	Palma Sola :	Sep.26, 1908 :	942 :
23 :	Matlacha Pass :	do :	943 :
24 :	Island Bay :	Oct.23, 1908 :	958 :

(a) Transferred to Bureau of Fisheries by Act of April 21, 1910.

LIST (BY STATES) OF FEDERAL BIRD RESERVATIONS (Continued).

No. :	State	Date esta- blished	Executive Order No.
	: GEORGIA	:	:
(b)66 :	Blackbeard Island	: Jul.17, 1914	: 1993
	: HAWAII	:	:
26 :	Hawaiian Islands	: Feb. 3, 1909	: 1019
	: IDAHO	:	:
29 :	Deer Flat	: Feb.25, 1909	: 1032
	: do	: Apr.21, 1915	: 2178
43 :	Minidoka	: Feb.25, 1909	: 1032
	: do	: Feb.21, 1912	: 1486
	: LOUISIANA	:	:
2 :	Breton Island	: Oct. 4, 1904	:
8 :	Tern Islands	: Aug. 8, 1907	:
9 :	Shell Keys	: Aug.17, 1907	:
14 :	East Timbalier	: Dec. 7, 1907	: 718
	: MICHIGAN	:	:
4 :	Huron Islands	: Oct.10, 1905	:
5 :	Siskiwit Islands	: do	:
	: MINNESOTA	:	:
69 :	Mille Lacs	: May 14, 1915	: 2199
	: MONTANA	:	:
30 :	Willow Creek	: Feb.25, 1909	: 1032
58 :	Pishkun	: Dec.17, 1912	: 1664
	: NEBRASKA	:	:
55 :	Niobrara	: Jan.11, 1912	: 1461
72 :	North Platte	: Aug.21, 1916	: 2446
	: NEVADA	:	:
64 :	Anaho Island	: Sep. 4, 1913	: 1819
	: NEW MEXICO	:	:
31 :	Carlsbad	: Feb.25, 1909	: 1032
32 :	Rio Grande	: do	: 1032
	: NORTH DAKOTA	:	:
3 :	Stump Lake	: Mar. 9, 1905	:
20 :	Chase Lake	: Aug.28, 1908	: 932
	: OREGON	:	:
10 :	Three Arch Rocks	: Oct.14, 1907	: 699
18 :	Klamath Lake	: Aug. 8, 1908	: 924
	: do	: May 14, 1915	: 2200
19 :	Lake Malheur	: Aug.18, 1908	: 929
33 :	Cold Springs	: Feb.25, 1909	: 1032
	: PORTO RICO	:	:
48 :	Gulebra	: Feb.27, 1909	: 1042
59 :	Desecheo Island	: Dec.19, 1912	: 1669
	: SOUTH DAKOTA	:	:
34 :	Belle Fourche	: Feb.25, 1909	: 1032

(b) Vacated May 25, 1915 (Executive Order, No. 2203).

LIST (BY STATES) OF FEDERAL BIRD RESERVATIONS (Continued).

No. :	State	:	Date esta- ablished	:	Executive Order No.
<hr/>					
	: UTAH	:		:	
35 :	Strawberry Valley	:	Feb.25, 1909	:	1032
	: WASHINGTON	:		:	
11 :	Flattery Rocks	:	Oct.23, 1907	:	703
12 :	Quillayute Needles	:	do	:	705
13 :	Copalis Rock	:	do	:	704
36 :	Keechelus	:	Feb.25, 1909	:	1032
37 :	Kachess	:	do	:	1032
38 :	Clealum	:	do	:	1032
39 :	Bumping Lake	:	do	:	1032
40 :	Conconully	:	do	:	1032
65 :	Smith Island	:	Jun. 6, 1914	:	1959
67 :	Dungeness Spit	:	Jan.20, 1915	:	2123
68 :	Ediz Hook	:	do	:	2124
	: WISCONSIN	:		:	
56 :	Green Bay	:	Feb.21, 1912	:	1487
60 :	Gravel Island (Lake	:		:	
	: Michigan)	:	Jan. 9, 1913	:	1678
	: WYOMING	:		:	
25 :	Loch-Katrine	:	Oct.26, 1908	:	961
41 :	Pathfinder	:	Feb.25, 1909	:	1032
42 :	Shoshone	:	do	:	1032

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BUREAU OF BIOLOGICAL SURVEY
E. W. Nelson, Chief.

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U.S. Department of Agriculture

LIST (BY STATES) OF FEDERAL BIRD RESERVATIONS.

No.	State	Date Estab- lished	Executive Order No.
	ALABAMA		
63	Petit Bois Island	May 6, 1913	1775
	ALASKA		
44	Bering Sea	Feb. 27, 1909	1037
45	Tuxedmi	do	1039
46	St. Lazaria	do	1040
47	Yukon Delta	do	1041
51	Bogoslof	Mar. 2, 1909	1049
53	Forrester Island	Jan. 11, 1912	1458
54	Hazy Islands	do	1459
57	Chamisso Island	Dec. 7, 1912	1658
61	Aleutian Islands	Mar. 3, 1913	1733
	ARIZONA		
27	Salt River	Feb. 25, 1909	1032
	ARKANSAS		
62	Walker Lake	Apr. 21, 1913	1763
70	Big Lake	Aug. 2, 1915	2230
	CALIFORNIA		
49	Farallon	Feb. 27, 1909	1043
52	Clear Lake	Apr. 11, 1911	1332
	do	Jan. 13, 1912	1464
	FLORIDA		
1	Pelican Island	Mar. 14, 1903	
	do	Jan. 26, 1909	1014
6	Passage Key	Oct. 10, 1905	
7	Indian Key	Feb. 10, 1906	
	do	June 25, 1921	3502
15	Mosquito Inlet	Feb. 24, 1908	763
	do	Apr. 2, 1909	1057
16	Tortugas Keys	Apr. 6, 1908	779
17	Key West	Aug. 8, 1908	923
21	Pine Island	Sept. 15, 1908	939
22	Palma Sola	Sept. 26, 1908	942
23	Matlacha Pass	do	943
24	Island Bay	Oct. 23, 1908	958
73	Caloosahatchee	July 1, 1920	3299

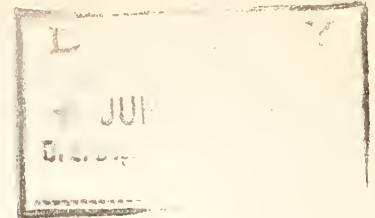
LIST (BY STATES) OF FEDERAL BIRD RESERVATIONS (Continued).

No.	State	Date established	Executive Order No.
	HAWAII		
26	Hawaiian Islands	Feb. 3, 1909	1019
	IDAHO		
29	Deer Flat	Feb. 25, 1909	1032
	do	Apr. 21, 1915	2178
43	Minidoka	Feb. 25, 1909	1032
	do	Feb. 21, 1912	1486
	LOUISIANA		
2	Breton Island	Oct. 4, 1904	
	do	Nov. 11, 1905	
8	Tern Islands	Aug. 8, 1907	
9	Shell Keys	Aug. 17, 1907	
14	East Timbalier	Dec. 7, 1907	718
	MICHIGAN		
4	Huron Islands	Oct. 10, 1905	
5	Siskiwit Islands	do	
	MINNESOTA		
69	Mille Lacs	May 14, 1915	2199
	do	Oct. 13, 1920	3340
	MONTANA		
30	Willow Creek	Feb. 25, 1909	1032
58	Pishkun	Dec. 17, 1912	1664
74	Nine-Pipe	June 25, 1921	3503
75	Pablo	do	3504
	NEBRASKA		
55	Niobrara	Jan. 11, 1912	1461
	do	Nov. 14, 1912	1642
	do	Mar. 31, 1920	3256
72	North Platte	Aug. 21, 1916	2446
	NEVADA		
64	Anaho Island	Sept. 4, 1913	1819
	NEW MEXICO		
31	Carlsbad	Feb. 25, 1909	1032
32	Rio Grande	do	1032
	NORTH DAKOTA		
3	Stump Lake	Mar. 9, 1905	
20	Chase Lake	Aug. 28, 1908	932
	OREGON		
10	Three Arch Rocks	Oct. 14, 1907	699
18	Klamath Lake	Aug. 8, 1908	924
	do	May 14, 1915	2200
	do	Mar. 28, 1921	3422
19	Lake Malheur	Aug. 18, 1908	929
33	Cold Springs	Feb. 25, 1909	1032

LIST (BY STATES) OF FEDERAL BIRD RESERVATIONS (Continued).

No.	State	Date established	Executive Order No.
	PORTO RICO		
48	Culebra	Feb. 27, 1909	1042
59	Desecheo Island	Dec. 19, 1912	1669
	SOUTH DAKOTA		
34	Belle Fourche	Feb. 25, 1909	1032
	UTAH		
35	Strawberry Valley	Feb. 25, 1909	1032
	WASHINGTON		
11	Flattery Rocks	Oct. 23, 1907	703
12	Quillayute Needles	do	705
13	Copalis Rock	do	704
40	Conconully	Feb. 25, 1909	1032
65	Smith Island	June 6, 1914	1959
67	Dungeness Spit	Jan. 20, 1915	2123
68	Ediz Hook	do	2124
	WISCONSIN		
56	Green Bay	Feb. 21, 1912	1487
60	Gravel Island (Lake Michigan)	Jan. 9, 1913	1678
	WYOMING		
41	Pathfinder	Feb. 25, 1909	1032
42	Shoshone	do	1032

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May, '22



UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

LIST OF
FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

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Great care has been used in compiling this list and it is the desire of the Bureau to have it correct. If errors or omissions are noticed it will be greatly appreciated if they are called to our attention so that corrections may be made in later editions.

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF AGRICULTURE.

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF BIOLOGICAL SURVEY</u>				
<u>ALABAMA</u>				
Petit Bois Island	1913 E.O.	635	Sea birds	
<u>ALASKA</u>				
Aleutian Islands	1913 " "		Sea birds	
Bearing Sea	1909 " "		" "	
Bogoslof	1909 " "		" "	
Chamisso Island	1912 " "		" "	
Forrester Island	1912 " "		" "	
Hazy Islands	1912 " "		" "	
St. Lazaria	1909 " "		" "	
Tuxedni	1909 " "		" "	
Yukon Delta	1909 " "		" "	
<u>ARIZONA</u>				
Salt River	1909 " "	21,120	White pelican, waterfowl	On Reclamation Service Project
<u>ARKANSAS</u>				
Big Lake	1915 " "	7,774	Waterfowl	
Walker Lake	1913 " "	15	Waders	
<u>CALIFORNIA</u>				
Clear Lake	1911 " "	33,840	Waterfowl	On Reclamation Service Project
Farallon Island	1909 " "		Sea birds	
<u>FLORIDA</u>				
Caloosahatchee	1920 " "		Waders	
Indian Key	1906 " "	90	Sea birds, waders	
Island Bay	1908 " "		Waders	
Key West	1908 " "		Sea birds	
Matlacha Pass	1908 " "		Waders	
Mosquito Inlet	1908 " "		Waders, sea birds, ducks	
Palm Sola	1908 " "		Waders	
Passage Key	1905 " "	37	Sea birds, waders	
Pelican Island	1903 " "	6	Brown pelicans, shorebirds	
Pine Island	1908 " "		Shorebirds, waders	
Tortugas Keys	1908 " "	141	Sea birds	Tortugas Keys.
				Res. includes
				Garden Key 24
				acres, East Key 18 acres, Middle Key 5 acres, Sand Key 4 acres
				Long Key 3 acres, Bush Key 20 acres, Bird Key 7 acres, Logger-
				head Key 60 acres; all of which are also within the Dry Tor-
				tugas naval reservation.

LIST OF FEDERAL GAME AND BIRD REFUGES -Continued
January 1, 1922.

DEPARTMENT OF AGRICULTURE- Continued.

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF BIOLOGICAL SURVEY - Continued.</u>				
<u>HAWAII</u>				
Hawaiian Islands	:1909 E.O.		:Sea birds	
<u>IDAHO</u>				
Deer Flat	:1909 " "	12,360	:Waterfowl	:On Reclamation
Minidoka	:1909 " "	13,240	: "	:Service Project
<u>LOUISIANA</u>				
Breton Island	:1904 " "		:Sea birds	
East Timbalier	:1907 " "	63	: " "	
Shell Keys	:1907 " "		: " "	
Tern Islands	:1907 " "		: " "	
<u>MICHIGAN</u>				
Huron Islands	:1905 " "	83	:Sea birds	
Siskiwit Islands	:1908 " "	9	: " "	
<u>MINNESOTA</u>				
Mille Lacs	:1915 " "	7	:Sea birds	
<u>MONTANA</u>				
Montana National Bison	:1908 Act	18,522	:Buffalo,390;elk,275;ante- :lope,57;deer,69;grouse :ring-necked pheasants,ducks	
Nine Pipe	:1921 E.O.		:Waterfowl	:On Reclamation
Pablo	:1921 " "		: "	:Service Project
Pishkun	:1912 " "	3,160	: "	: " "
Willow Creek	:1909 " "	3,200	: "	: " "
<u>NEBRASKA</u>				
Niobrara	:1912 Act	16,125	:Buffalo,37;elk,50;deer,1; :pinnated and sharp-tailed: :grouse	
North Platte	:1916 E.O.	5,107	:Waterfowl	:On Reclamation
<u>NEVADA</u>				
Anaho Island	:1913 " "	248	:White pelicans	

(Continued next page)

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922

DEPARTMENT OF AGRICULTURE - Continued

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF BIOLOGICAL SURVEY - Continued.</u>				
<u>NEW MEXICO</u>				
Carlsbad	1909 E.O.	13,680	Waterfowl	On Reclamation Service Project
Rio Grande	1909 " "	55,680	"	" "
<u>NORTH DAKOTA</u>				
Chase Lake	1908 " "	2,839	Waterfowl	White pelicans
Stump Lake	1905 " "	28	Waterfowl	
Sullys Hill National Game Preserve	1914 Act	700	Buffalo, 10; elk, 44; deer, 3;	
<u>OREGON</u>				
Cold Springs	1909 E.O.	2,520	Waterfowl	On Reclamation Service Project
Klamath Lake	1908 " "	81,619	"	" "
Lake Malheur	1908 " "	88,960	"	
Three Arch Rocks	1907 " "		Sea birds	
<u>PORTO RICO</u>				
Culebra	1909 " "		Sea birds	
Desecheo Island	1912 " "			
<u>SOUTH DAKOTA</u>				
Belle Fourche	1909 " "	13,680	Waterfowl	On Reclamation Service Project
Wind Cave National Game Preserve	1912 Act	4,160	Buffalo, 72; elk, 150; deer, 2; antelope, 24; grouse,	
<u>UTAH</u>				
Strawberry Valley	1909 E.O.	8,560	Waterfowl	On Reclamation Service Project
<u>WASHINGTON</u>				
Conconully	1909 " "	1,120	Waterfowl	On Reclamation Service Project
Copalis Rock	1907 " "	5	Sea birds	
Dungeness Spit	1915 " "	227	Sea birds, waterfowl	Includes Light- house Res.
Ediz Hook	1915 " "	84	Waterfowl	" "
Flattery Rocks	1907 " "	68	Sea birds	
Smith Island	1914 " "		Waterfowl	Includes Light- house Res.
Quillayute Needles	1907 " "	117	Sea birds	

(Continued next page)

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF AGRICULTURE - Continued.

Designation	Created	Acres	Game and Birds on Refuge
BUREAU OF BIOLOGICAL SURVEY (Concluded)			
<u>WISCONSIN</u>			
Gravel Island (Lake Michigan)	1913 E.O.		Sea Birds
Green Bay	1912 " "		" "
<u>WYOMING</u>			
Elk Refuge	1915 E.O. and subsequent E.O. and Acts	2,760	Elk (in winter), ducks Thousands of elk have hay fed to them in winter on this reservation
Pathfinder	1909 E.O.	35,120	Waterfowl On Reclamation Service Project
Shoshone	1909 " "	10,040	" "

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF AGRICULTURE - Continued.

Designation	Created	Acres	Game and birds on Refuge	Remarks
			<u>FOREST SERVICE</u>	
<u>ARIZONA</u>				
Grand Canyon Game Preserve	1906 Act	613,120	Deer, grouse	
<u>NORTH CAROLINA</u>				
Pisgah Game Preserve	1916 Act	77,045	Buffalo, elk, deer, turkeys, quail	:250 acres fenced inclosing buffalo, elk, and deer.
<u>OKLAHOMA</u>				
Wichita National Game Preserve	1906 "	57,120	Buffalo, elk, deer, antelope, turkeys, quail	:8,000 acres fenced inclosing game animals
<u>SOUTH DAKOTA</u>				
Custer State Park Game Sanctuary	1920 "	26,640	Deer, blue grouse	:Government-owned land set aside by Congress for the use of the State as a game sanctuary, under the protection of both the Federal government and the State; now a part of Custer State Park
<u>WASHINGTON</u>				
Mount Olympic National Monument	1909 "	299,370	Olympic elk	:includes the summer range of the elk, but is not technically a game preserve

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF COMMERCE.

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF FISHERIES</u>				
<u>ALASKA</u>				
Afognak Forest and Fish Cultural Reserve	1892 Act	512,000	Sea otters	Within the C gach National Forest
Pribilof Islands Reserva- tion	1909 E.O.	49,000	Fur seals, sea lions, blue foses, sea birds	
<u>BUREAU OF LIGHTHOUSES</u>				
<u>CALIFORNIA</u>				
Ano Nuevo Island Light- house Reservation	1872 E.O.			
South Farallon Island Lighthouse Reservation	1859 " " 1881 " "	120	Cassin, auklet, pigeon, guillemot, Farallon cor- morant, Brant cormorant, Baird cormorant, ashy pe- trel, western gull, tuft- ed puffin	Joint control of Lighthouses and Navy - Navy 10 acres Lighthouses 120
<u>LOUISIANA</u>				
Chandeleur Lighthouse Reservation	1857 " "	5,000	Gulls, terns, skimmers, pelicans, willet	
<u>WASHINGTON</u>				
New Dungeness Lighthouse Reservation	1851 " " 1858 " "	190	Sea birds.	Included within the Dungeness Spit (Bird) Reservation under Dept. of Agriculture
Smith Island Lighthouse Reservation	1854 " "	5,600	Sea birds, geese, brant	Included within Smith Island (Bird) Reser- vation under Dept. of Agri- culture

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LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922

DEPARTMENT OF THE INTERIOR

Designation	Created	Acres	Game and Birds on Refuge	Remarks
NATIONAL PARK SERVICE				
<u>ALASKA</u>				
Mount McKinley National Park	1917 "	1,498,000	Sheep 800, caribou numerous, moose very numerous, bears, grouse	
<u>ARIZONA</u>				
Grand Canyon National Park	1919 "	613,120	Sheep, deer, beavers, grouse	Formerly Grand Canyon National Monument, created 1908
Papago Saguaro National Monument*	1914 "	2,050	Nongame birds	
Petrified Forest National Monument*	1906 "	25,625	Nongame birds	
<u>CALIFORNIA</u>				
General Grant National Park	1890 "	2,536	Deer, bears, grouse, quail	
Lassen Volcanic National Park	1916 "	79,562	Deer, grouse, quail	
Muir Woods National Monument*	1908 "	424		
Sequoia National Park	1890 "	161,597	Elk, sheep, bears, deer, grouse, quail	
Yosemite National Park	1890 "	719,622	Deer, bears, grouse, quail	
<u>COLORADO</u>				
Colorado National Monument*	1911 "	13,883	Deer	
Mesa Verde National Park	1906 "	46,937	Elk, deer	
Rocky Mountain National Park	1915 "	254,327	Elk, sheep, deer, bears, (grizzly, brown, and black), grouse	

(Continued next page)

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF THE INTERIOR

Designation	Created	Acres	Game and Birds on Refuge	Remarks
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NATIONAL PARK SERVICE - Continued.

HAWAIIAN ISLANDS

Hawaii National Park	1916 Act	75,295	Hawaiian geese, nongame birds	
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IDAHO

Yellowstone National Park: (see Montana and Wyoming)	1872 "	23,040	(See Wyoming)	
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MAINE

Lafayette National Park	1916 "	5,000	Deer, moose, beavers, grouse, ducks, geese	Formerly Sieur de Monts Nation al Monument; donated by an association of citizens,
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MONTANA

Glacier National Park	1910 "	981,681	Deer, Elk, sheep, goats, grouse, waterfowl nongame	
Yellowstone National Park: (see Idaho and Wyoming)	1872 "	126,720	(See Wyoming)	

NORTH DAKOTA

Sullys Hill National Park	1904 "	780	Buffalo, elk, white-tailed deer, ring-necked pheasants.	Administered by the Biological Survey as Sul- lys Hill Na- tional Game Bre- serve; stocked with buffalo, elk, white-tail- ed deer, ring- necked pheas- ants
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OKLAHOMA

Platt National Park	1902 Act	849	Buffalo, 2; elk, 1; deer, in exhibition inclosure	
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LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF THE INTERIOR

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>NATIONAL PARK SERVICE</u> - Concluded.				
<u>OREGON</u>				
Crater Lake National Park	1902 Act	159,359	Black bears, deer, grouse	
<u>SOUTH DAKOTA</u>				
Wind Cave National Park	1903 "	10,900	Grouse	4,160 acres within this park are administered by the Biological Survey as the Wind Cave Game Preserve
<u>UTAH</u>				
Zion National Park	1909 "	76,800	Deer	
<u>WASHINGTON</u>				
Mount Rainier National Park	1899 "	207,360	Black bears, deer, goats	
<u>WYOMING</u>				
Yellowstone National Park (see Idaho and Montana)	1872 "	1,992,960	Buffalo, tame, 506; wild, over 100; sheep 250, antelope, no estimate, 150; kids in 1921; moose 800; elk, no estimate for 1915, deer, white-tailed: 100, mule deer 1200, grizzly bears 40, black 120	Idaho 36 sq.mi. Montana 198 sq. mi., Wyoming 3,114 sq.mi.

* There are many national monuments under the National Park Service in addition to those listed, which are not especially adapted for game refuges, as follows: Sitka, Montezuma, Tumacacori, Casa Grande, Navajo, Lewis and Clark, Scotts Bluff, El Motro, Chaco Canyon, Gran Quivira, Capulin Mountain, Verendrye, Natural Bridge, Rainbow, Dinosaur, Devils Tower, Katmai.

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF THE NAVY

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>CALIFORNIA</u>				
South Farallon Islands (See Department of Commerce Bureau of Fisheries)	:1859 E.O. :1881 " " : : : : : : : :	:10: : : : : : : : : :	: : : : : : : : : :	:Joint control :of Lighthouses :and Navy :Navy 10 acres :Lighthouses :120 : : : : :
<u>HAWAII</u>				
Midway Islands	:1903 E.O. : : : : : : :	: : : : : : : :	:Sea birds : : : : : : :	:Birds protecte :by order of :Navy Dept. : : : : :
<u>VIRGINIA</u>				
Naval Operation Base, Hampton Roads	:1918 By :general :order of :the Navy : : : :	:945: : : : : : : :	:Nongame birds : : : : : : :	:621 acres dry :land, 124 acres :under water : : : : :
Navy Mine Depot, Yorktown	:1921 :By order :of the :Navy : : : :	:12,467: : : : : : : :	:Turkeys, quail, rabbits : : : : : : :	:A large por- :tion of this :area is fenced :and patrolled : : : : :

Naval Ammunition Depot, St. Julien's Creek, 221.6 acres;
Navy Yard, Norfolk, 361.6 acres, -- both largely covered
by buildings and plants -- birds protected by order of
Commandant, 5th Naval District.

LIST OF FEDERAL GAME AND BIRD REFUGES

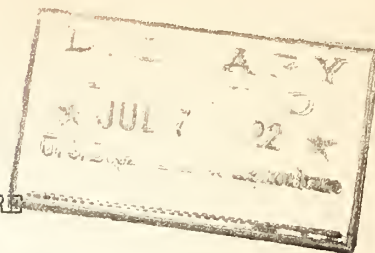
January 1, 1922.

DEPARTMENT OF WAR

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>GEORGIA</u>				
Chickamauga and Chatta- nooga National Military Park (See Tennessee)	:1890 Act	: 6,543:		:Game protected :by Act of 1897 :(29 Stat. 621)
<u>MISSISSIPPI</u>				
Vicksburg National Mili- tary Park	:1899 "	: 1,323:		: " "
<u>TENNESSEE</u>				
Chickamauga and Chatta- nooga National Military Park (see Georgia)	:1890 "	: 6,543:		: " "
Shiloh National Military Park	:1894 "	: 3,546:		: " "

There are four other National Military Parks which afford protection to birds, but are not strictly game refuges: These are: Antietam, Battlefield, Guilford Courthouse, Gettysburg, and Lincoln's Birthplace

Bi-248
June, '22



UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

L I S T O F
F E D E R A L G A M E A N D B I R D R E F U G E S

January 1, 1922.

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Great care has been used in compiling this list and it is the desire of the Bureau to have it correct. If errors or omissions are noticed it will be greatly appreciated if they are called to our attention so that corrections may be made in later editions.

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF AGRICULTURE

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF BIOLOGICAL SURVEY</u>				
<u>ALABAMA</u>				
Petit Bois Island	1913 E.O.	635	Sea birds	"E.O.", in second column, signifies Executive Order in all cases
<u>ALASKA</u>				
Aleutian Islands	1913 " "		Sea birds	
Bering Sea	1909 " "		" "	
Bogoslof	1909 " "		" "	
Chamisso Island	1912 " "		" "	
Forrester Island	1912 " "		" "	
Hazy Islands	1912 " "		" "	
St. Lazaria	1909 " "		" "	
Tuxedni	1909 " "		" "	
Yukon Delta	1909 " "		" "	(Eliminated Feb. 27, 1922)
<u>ARIZONA</u>				
Salt River	1909 " "	21,120	White pelicans, cormorants, waterfowl, waders	On Reclamation Service Project
<u>ARKANSAS</u>				
Big Lake	1915 " "	7,774	Waterfowl	
Walker Lake	1913 " "	15	Waders	
<u>CALIFORNIA</u>				
Clear Lake	1911 " "	33,840	Waterfowl, waders, cormorants	On Reclamation Service Project
Farallon	1909 " "		Sea birds	
<u>FLORIDA</u>				
Caloosahatchee	1920 " "		Waders	
Indian Key	1906 " "	90	Sea birds, waders	
Island Bay	1908 " "		Waders	
Key West	1908 " "		Sea birds	
Matlacha Pass	1908 " "		Waders	
Mosquito Inlet	1908 " "		Waders, pelicans, ducks	
Palma Sola	1908 " "		Waders	
Passage Key	1905 " "	37	Sea birds, waders	
Pelican Island	1903 " "	6	Brown pelicans, shorebirds	
Pine Island	1908 " "		Shorebirds, waders	
Tortugas Keys	1908 " "	141	Sea birds	Tortugas Keys Res. includes Garden Key
			24 acres, East Key 18 acres, Middle Key 5 acres, Sand Key 4 acres, Long Key 3 acres, Bush Key 20 acres, Bird Key 7 acres, Loggerhead Key 60 acres; all of which are also within the Dry Tortugas naval reservation	

(Continued next page)

LIST OF FEDERAL GAME AND BIRD REFUGES -Continued

January 1, 1922.

DEPARTMENT OF AGRICULTURE- Continued.

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF BIOLOGICAL SURVEY - Continued.</u>				
<u>HAWAII</u>				
Hawaiian Islands	1909 E.O.		Sea birds	
<u>IDAHO</u>				
Deer Flat	1909 " "	12,360	Waterfowl, waders	On Reclamation Service Project
Minidoka	1909 " "	13,240	Waterfowl, waders, shorebirds	" "
<u>LOUISIANA</u>				
Breton Island	1904 " "		Sea birds	
East Timbalier	1907 " "	63	" "	
Shell Keys	1907 " "		" "	
Tern Islands	1907 " "		" "	
<u>MICHIGAN</u>				
Huron Islands	1905 " "	83	Sea birds	
Siskiwit Islands	1908 " "	9	" "	
<u>MINNESOTA</u>				
Mille Lacs	1915 " "	7	Sea birds	
<u>MONTANA</u>				
Montana National Bison Range	1908 Act	18,522	Buffalo, 390; elk, 275; antelope, 57; deer, 69; grouse, ring-necked pheasants, ducks	
Nine Pipe	1921 E.O.		Waterfowl	On Reclamation Service Project
Pablo	1921 " "		"	" "
Pishkun	1912 " "	3,160	"	" "
Willow Creek	1909 " "	3,200	"	" "
<u>NEBRASKA</u>				
Niobrara	1912 Act	16,125	Buffalo, 37; elk, 50; deer, 1; pinnated and sharp-tailed grouse	
North Platte	1916 E.O.	5,107	Waterfowl, waders	On Reclamation Service Project
<u>NEVADA</u>				
Anaho Island	1913 " "	248	White pelicans, cormorants, gulls	

(Continued next page)



LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922

DEPARTMENT OF AGRICULTURE - Continued

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF BIOLOGICAL SURVEY - Continued.</u>				
<u>NEW MEXICO</u>				: On Reclamation
Carlsbad	: 1909 E.O.	: 18,680	: Waterfowl, waders	: Service Project
Rio Grande	: 1909 " "	: 55,680	: " "	: " "
<u>NORTH DAKOTA</u>				
Chase Lake	: 1908 " "	: 2,839	: Waterfowl, white pelicans,	:
			: gulls, terns, waders,	:
			: shorebirds	:
Stump Lake	: 1905 " "	: 28	: Same as on Chase Lake	:
Sullys Hill Na-	: 1914 Act	: 700	: Buffalo, 10; elk, 44; deer,	:
tional Game Pre-			: 3; sharp-tailed and pin-	:
serve			: nated grouse, ring-necked:	:
			: pheasants	:
<u>OREGON</u>				
Cold Springs	: 1909 E.O.	: 2,520	: Waterfowl	: On Reclamation
				: Service Project
Klamath Lake	: 1908 " "	: 81,619	: Waterfowl, pelicans, gulls,	: " "
			: waders, shorebirds	:
Lake Malheur	: 1908 " "	: 88,960	: Same as Klamath Lake	:
Three Arch Rocks	: 1907 " "		: Sea birds	:
<u>PORTO RICO</u>				
Culebra	: 1909 " "		: Sea birds, nongame birds	:
Desecheo Island	: 1912 " "		: " " " "	:
<u>SOUTH DAKOTA</u>				
Belle Fourche	: 1909 " "	: 13,680	: Waterfowl, waders	: On Reclamation
				: Service Project
Wind Cave National	: 1912 Act	: 4,160	: Buffalo, 72; elk, 150; deer,	:
Game Preserve			: 2; antelope, 24; grouse	:
<u>UTAH</u>				
Strawberry Valley	: 1909 E.O.	: 8,560	: Waterfowl	: On Reclamation
				: Service Project
<u>WASHINGTON</u>				
Conconully	: 1909 " "	: 1,120	: Waterfowl	: On Reclamation
				: Service Project
Copalis Rock	: 1907 " "	: 5	: Sea birds	:
Dungeness Spit	: 1915 " "	: 227	: Sea birds, waterfowl	: Includes Light-
				: house Res.
Ediz Hook	: 1915 " "	: 84	: Waterfowl	: " "
Flattery Rocks	: 1907 " "	: 68	: Sea birds	:
Smith Island	: 1914 " "		: Waterfowl	: Includes Light-
				: house Res.
Quillayute Needles	: 1907 " "	: 117	: Sea birds	:

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF AGRICULTURE - Continued.

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF BIOLOGICAL SURVEY (Concluded)</u>				
<u>WISCONSIN</u>	:	:	:	:
Gravel Island	:1913 E.O.:	:	:Gulls	:
(Lake Michigan)	:	:	:	:
Green Bay	:1912 " ":	:	:Gulls	:
:	:	:	:	:
:	:	:	:	:
<u>WYOMING</u>	:1912, 1913:	2,760:	Elk (in winter), ducks	:Thousands of elk
Elk Refuge	:Act	:	:	:have hay fed to
:	:1915, 1916:	:	:	:them in winter on
:	:E.O.	:	:	:this reservation
:	:	:	:	:
Pathfinder	:1909 E.O.:	35,120:	Waterfowl	:On Reclamation
:	:	:	:	:Service Project
Shoshone	:1909 " ":	10,040:	"	: " "
:	:	:	:	:
:	:	:	:	:

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF AGRICULTURE - Continued.

Designation	Created	Acres	Game and Birds on Refuge	Remarks
		<u>FOREST SERVICE</u>		
<u>ARIZONA</u>				
Grand Canyon Game Preserve	1906 Act	613,120	Deer, mountain sheep, grouse	
<u>NORTH CAROLINA</u>				
Pisgah Game Preserve	1916 Act	77,045	Buffalo, elk, deer, turkeys, quail	:250 acres fenced inclosing buffalo, elk, and deer.
<u>OKLAHOMA</u>				
Wichita National Game Preserve	1906 "	57,120	Buffalo, elk, deer, antelope, turkeys, quail	:8,000 acres fenced inclosing game animals
<u>SOUTH DAKOTA</u>				
Custer State Park Game Sanctuary	1920 "	26,640	Deer, blue and ruffed grouse	:Land set aside by Congress for use of State as game sanctuary, under protection of both Federal government and State; (part of Custer State Park).
<u>WASHINGTON</u>				
Mount Olympus National Monument	1909 "	299,370	Olympic elk, deer, bear, grouse	:Includes summer range of elk, but not technically a game preserve

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF COMMERCE.

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>BUREAU OF FISHERIES</u>				
<u>ALASKA</u>				
<u>Fish</u>				
Afognak Forest and Cultural Reserve	1892 Act	512,000	Sea otters	Within the Chugach National Forest
Pribilof Islands Reservation	1909 E.O.	49,000	Fur seals, sea lions, sea birds	
<u>BUREAU OF LIGHTHOUSES</u>				
<u>CALIFORNIA</u>				
Ano Nuevo Island Lighthouse Reservation	1872 E.O.			
South Farallon Island Lighthouse Reservation	1859 " "	120	Auklets, guillemots, cormorants, petrels, gulls, puffins	Joint control of Lighthouses (120 acres) and Navy (10 acres)
<u>LOUISIANA</u>				
Chandeleur Light-house Reservation	1857 " "	5,000	Gulls, terns, skimmers, pelicans, willet	
<u>WASHINGTON</u>				
New Dungeness Light-house Reservation	1851 " "	190	Sea birds	Included within the Dungeness Spit (Bird) Reservation under Dept. of Agriculture
Smith Island Light-house Reservation	1854 " "	5,600	Sea birds, geese, brant	Included within Smith Island (Bird) Reservation under Dept. of Agriculture

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922

DEPARTMENT OF THE INTERIOR

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>NATIONAL PARK SERVICE</u>				
<u>ALASKA</u>				
Katmai National Monument	:1918 Act	: 1,080,000:	Brown bears, foxes, waterfowl	
Mount McKinley National Park	:1917 "	: 1,498,000:	Sheep 800, caribou numerous, moose very numerous, bears, grouse	
<u>ARIZONA</u>				
Grand Canyon National Park	:1919 "	: 613,120:	Sheep, deer, beavers, grouse	:Formerly Grand Canyon National Monument, created 1908
Papago Saguaro National Monument	:1914 "	: 2,050:	Nongame birds	
Petrified Forest National Monument	:1906 "	: 25,625:	Nongame birds	
<u>CALIFORNIA</u>				
General Grant National Park	:1890 "	: 2,536:	Deer, bears, grouse, quail	
Lassen Volcanic National Park	:1916 "	: 79,562:	Deer, bear, grouse, quail	
Muir Woods National Monument	:1908 "	: 424:	Nongame birds	
Sequoia National Park	:1890 "	: 161,597:	Elk, bears, deer, grouse, quail	
Yosemite National Park	:1890 "	: 719,622:	Deer, bears, grouse, quail	
<u>COLORADO</u>				
* Colorado National Monument	:1911 "	: 13,883:	Deer	
Mesa Verde National Park	:1906 "	: 46,937:	Elk, deer	
Rocky Mountain National Park	:1915 "	: 254,327:	Elk, sheep, deer, bears (grizzly, brown, and black), grouse	

(Continued next page)

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF THE INTERIOR

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>NATIONAL PARK SERVICE - Continued.</u>				
<u>HAWAIIAN ISLANDS</u>	:	:	:	:
Hawaii National Park	:1916 Act	: 75,295	:Hawaiian geese, nongame	:
	:	:	:birds	:
<u>IDAHO</u>	:	:	:	:
Yellowstone National	:	:	:	:
Park (see Montana	:1872 "	: 23,040	:(See Wyoming)	:
and Wyoming)	:	:	:	:
<u>MAINE</u>	:	:	:	:
Lafayette National	:1916 "	: 5,000	:Deer, moose, beavers,	:Formerly Sieur de
Park	:	:	:grouse, ducks, geese	:Monts National
	:	:	:	:Monument; donated
	:	:	:	:by an association
	:	:	:	:of citizens.
<u>MONTANA</u>	:	:	:	:
Glacier National	:1910 "	:981,681	:Deer, elk, moose, sheep,	:
Park	:	:	:goats, bear, grouse, ptar-	:
	:	:	:migan, waterfowl, nongame	:
	:	:	:birds	:
	:	:	:	:
Yellowstone National	:1872 "	:126,720	:(See Wyoming)	:
Park (see Idaho	:	:	:	:
and Wyoming)	:	:	:	:
<u>NORTH DAKOTA</u>	:	:	:	:
Sullys Hill Nation-	:1904 "	: 780	:Buffalo, elk, white-tailed	:Administered by
al Park	:	:	:deer, ring-necked pheas-	:the Biological
	:	:	:ants, sharp-tailed and	:Survey as Sullys
	:	:	:pinnated grouse	:Hill National
	:	:	:	:Game Preserve;
	:	:	:	:stocked with buf-
	:	:	:	:falo, elk, white-
	:	:	:	:tailed deer, ring-
	:	:	:	:necked pheasants
<u>OKLAHOMA</u>	:	:	:	:
Platt National Park	:1902 Act	: 849	:Buffalo, 2; elk, 1; deer, in	:
	:	:	:exhibition inclosure	:
	:	:	:	:

(Continued next page)

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January 1, 1922.

DEPARTMENT OF THE INTERIOR

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>NATIONAL PARK SERVICE - Concluded.</u>				
<u>OREGON</u>				
Crater Lake National Park	1902 Act	159,359	Black bears, deer, grouse	
<u>SOUTH DAKOTA</u>				
Wind Cave National Park	1903 "	10,900	Grouse	4,160 acres with- in this park are administered by the Biological Survey as the Wind Cave Game Preserve
<u>UTAH</u>				
Zion National Park	1909 "	76,800	Deer, grouse	
<u>WASHINGTON</u>				
Mount Rainier National Park	1899 "	207,360	Black bears, deer, goats, grouse	
<u>WYOMING</u>				
Yellowstone National Park (see Idaho and Montana)	1872 "	1,992,960	Buffalo, tame, 506; wild, over 100; mountain sheep, 250; antelope, no estimate-150 kids in 1921; moose 800; elk; white-tailed deer, 100; mule deer, 1200; grizzly bears, 40; black bears, 120	Idaho 36 sq. mi. Montana 198 sq. mi., Wyoming 3,114 sq. mi.

There are many national monuments under the National Park Service on which wild animals and birds are protected, in addition to those listed, which are not especially adapted for game refuges, as follows: Sitka, Montezuma, Tumacacori, Casa Grande, Navajo, Lewis and Clark, Scotts Bluff, El Morro, Chaco Canyon, Gran Quivera, Capulin Mountain, Verendrye, Natural Bridge, Rainbow, Dinosaur, Devils Tower.

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF THE NAVY

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>CALIFORNIA</u>				
South Farallon Islands (See Department of Commerce Bureau of Lighthouses)	:1859 E.O. :1881 " "	:10 :	:Cormorants and sea birds :	:Joint control of :Lighthouses and :Navy - Navy 10 :acres, Light- :houses 120
<u>HAWAII</u>				
Midway Islands	:1903 E.O.	:	:Sea birds	:Birds protected :by order of Navy :Dept.
<u>VIRGINIA</u>				
Naval Operation Base, Hampton Roads	:1918 By :general :order of :the Navy	:945 : : :	:Nongame birds : : :	:621 acres dry :land, 124 acres :under water
Navy Mine Depot, Yorktown	:1921 By :order of :the Navy	:12,467 : :	:Turkeys, quail, rabbits : :	:A large portion :of this area is :fenced and :patrolled

Naval Ammunition Depot, St. Julien's Creek, 221.6 acres;
Navy Yard, Norfolk, 361.6 acres, -- both largely covered
by buildings and plants -- birds protected by order of
Commandant, 5th Naval District.

LIST OF FEDERAL GAME AND BIRD REFUGES

January 1, 1922.

DEPARTMENT OF WAR

Designation	Created	Acres	Game and Birds on Refuge	Remarks
<u>GEORGIA</u>				
Chickamauga and Chatta- nooga National Military Park (See Tennessee)	:1890 Act	: 6,543:		:Game protected :by Act of 1897 :(29 Stat. 621)
<u>MISSISSIPPI</u>				
Vicksburg National Mili- tary Park	:1899 "	: 1,323:		: " "
<u>TENNESSEE</u>				
Chickamauga and Chatta- nooga National Military Park (see Georgia)	:1890 "	: 6,543:		: " "
Shiloh National Military Park	:1894 "	: 3,546:		: " "

There are four other National Military Parks which afford protection to birds but are not strictly game refuges: These are: Antietam, Battlefield, Guilford Courthouse, Gettysburg, and Lincoln's Birthplace

